## UTILITY PATENT APPLICATION

**TRANSMITTAL** (Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 242752US90

First Inventor or Application Identifier | Sung Uk MOON, et al.

Title MODULATION AND DEMODULATION BASED ON HIERARCHICAL MODULATION

	See	APPLICATION ELEMENTS  MPEP chapter 600 concerning utility patent application contents	Commissioner for Patents  ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313	
1.		Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)	ACCOMPANYING APPLICATION PARTS 📆	
			7.  Assignment Papers (cover sheet & document(s))	
2.		Specification Total Sheets 23	8. Application Data Sheet. See 37 CFR 1.76	
			9.   37 C.F.R. §3.73(b) Statement  (when there is an assignee)  Power of Attorney	
3.		Drawing(s) (35 U.S.C. 113) Total Sheets 10	10.  ☐ English Translation Document (if applicable)	
			11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations (1)	
4.		Oath or Declaration Total Pages 5	12. 🛘 Preliminary Amendment	
	a.	Newly executed (original)	13. White Advance Serial No. Postcard	
	b.	☐ Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation/divisional with box 17 completed)	14. Certified Copy of Priority Document(s) (1) (if foreign priority is claimed)	
i		<ul> <li>DELETION OF INVENTOR(S)         Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and     </li> </ul>	15.  Applicant claims small entity status.  See 37 CFR 1.27	
5.		1.33(b).  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	16. Souther: Request for Priority	
6.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
	a.	Computer Readable Form (CRF)		
	b.	Specification or Sequence Listing on :		
		i. ☐ CD-ROM or CD-R (2 copies); or		
		ii. D Paper		
	C.	Statements verifying identity of above copies	<u> </u>	
17.	If a	CONTINUING APPLICATION, check appropriate box, and supplied	·	
		Continuation Divisional Continuation	• • • •	
ŀ		application information: Examiner:	Group Art Unit:	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
18. CORRESPONDENCE ADDRESS				
Customer Number				
Customer Number				
22850				
(703) 413-3000 FACSIMILE: (703) 413-2220				
1 AGSIIVIILL. (103) 413-2220				
	Na	ame: Masayasu Mori	Registration No.: 47,301	
s	igna	ture: /U/mm/1/Uu	lun Date: 9/15/03	

Name:	Masayasu Mori	Registration No.:	47,301
Signature:	6/mm W Chilan	Date:	9/15/03
Name:	C. Irvin McClelland	Registration No.:	

Registration Number 21,124



Docket No.

242752US90

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Sung Uk MOON, et al.

SERIAL NO:

**New Application** 

FILING DATE: Herewith

FOR:

MODULATION AND DEMODULATION BASED ON HIERARCHICAL MODULATION

## FEE TRANSMITTAL

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED		NUMBER EXTRA	RATE			CALCULATIONS
TOTAL CLAIMS	20 -	20 =	0	х	\$18	=	\$0.00
INDEPENDENT CLAIMS	4 -	3 =	1	х	\$84	=	\$84.00
☐ MULTIPLE DEPENDENT CLAIMS (If applicable)					\$280	==	\$0.00
☐ LATE FILING OF DECLARATION					\$130	=	\$0.00
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TOTAL OF ABOVE CALCULATIONS						\$834.00	
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The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment form is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.					

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Masayasu Mori

Registration No. 47,301

C. Irvin McClelland Registration Number 21,124

Customer Number

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)